Section C - Descriptions and Specifications

C1.0 INTRODUCTION

This contract will support the CADD/GIS Technology Center for Facilities, Infrastructure and Environment. Initial contract term minimum is four years, with up to three optional renewals of 24 months each, for a total contract life not to exceed ten years. Under this contract the contractor will furnish the necessary personnel, materials and services to meet the requirements of each activity as delineated in each delivery order or task order placed under this contract. Each individual order will have specifically defined requirements, deliverables and schedules. The contractor will only perform work under this contract issued by a duly authorized Contracting Officer

C1.1 PROCUREMENT OBJECTIVE

Products and services to be procured under this contract will be used by the Information Technology Laboratory (ITL), CADD/GIS Technology Center and its partnering agencies (other federal DOD or civilian agencies) to increase productivity and reduce costs in the areas of information technology (IT) for facilities/installation management, geographic information systems (GIS), network IT infrastructure, force protection and homeland security, and the environment. The primary focus of the contract is delivering solutions to users, with an emphasis on products, also including supplying services and support. This objective includes providing follow-on products and services for the IM/FCAD2 contracts.

C1.2 CADD/GIS TECHNOLOGY CENTER ORGANIZATION STRUCTURE AND MISSION

The CADD/GIS Technology Center for Facilities, Infrastructure and Environment was established to promote CADD, GIS, FM and IT technology applications. The "Center" is located at the U.S. Army Corps of Engineers (USACE), Engineer Research and Development Center (ERDC), Information Technology Laboratory, Vicksburg, Mississippi. The Center was originally chartered by the following agencies: U.S. Army, U.S. Army Corps of Engineers, U.S. Navy, U.S. Naval Facilities Engineering Command, U.S. Air Force and the U.S. Marine Corps. Since the Center's establishment, a number of other DoD and non DoD agencies have become Center Partners. The Center's mission includes setting standards, promoting system integration, supporting centralized acquisition, and providing assistance for the installation, training, operation, and maintenance of CADD, GIS, FM and IT technology systems and applications. This also includes directing specific application developments, promoting communications, developing and promoting standards, furnishing technical advice, interfacing with professional organizations and industry, evaluating technological developments, and recommending necessary policy to ensure the maximum benefits are received from these technologies. The organization also serves as the Federal Geographic Data Committee (FGDC) Working Group on Facilities, Infrastructure and the Environment, actively supporting the National Spatial Data Infrastructure (NSDI).

C1.3 CENTER FUNCTIONS

C1.3.1 Role in Acquisition: The Center is responsible for defining the technical requirements for acquiring and managing future large centralized CADD/GIS acquisitions for DOD and other potential users.

C1.3.2 Applications Development: The Center acts as a focal point for consolidation of CADD/GIS and FM automation products. The Center relies on other organizations to develop automated applications such as private Contractors and other Government laboratories/agencies to obtain the maximum leverage from the Center's resources.

C1.3.3 Promote Communication: The Center provides the vehicle to share information, programs, processes, techniques and available training programs. The Center shall record ideas and needs of the DOD and other agencies and coordinate with vendors and users in industry. In all cases, the Center will actively coordinate with other Federal laboratories/agencies and offices to eliminate potential duplication.

C1.3.4 Promote Standards: Logical and portable standards must be advanced at all levels, from the detailed levels of standard naming conventions, common layers, and standard symbology, up to actual sharing of CADD designs for various similar facility types and GIS databases and analysis tools when needed. The Center plays key roles in developing and making these standards available and in facilitating sharing of these standards. The Center educates management by marketing the benefits of standardization. The Center strives to promote the highest level of standards in existence at industry, national, or international levels by maintaining working relationships with recognized standards organizations.

C1.3.5 Furnish Technical Advice: The Center as the focal point for facilities, infrastructure and environmental CADD, GIS, FM and related IT standards and applications within the DOD and Federal Government, is in a unique position to act as a clearinghouse for both hardware and software issues. The Center establishes objectives to maximize the benefits of consolidated acquisitions and promotes an integrated data structure. The Center provides advice and assistance to Federal agencies in identifying their needs for CADD, GIS, FM and related IT application software and hardware.

C1.3.6 Interface with Professional Organizations and Industry: The Center establishes contacts and maintains working relationships with professional organizations and industry to aid in sharing information.

C1.4 USER ORGANIZATIONS

The products and services offered on this contract shall be available to the Center and its Partnering Agencies. Current Partnering Agencies are listed in Section G under Authorized Buyers. Additional Authorized Buyers shall be added as other agencies join the Center as Partners.

C2.0. GOVERNMENT REQUIREMENTS

C2.1 GENERAL

The technical features listed in this specification are essential to accomplishing the CADD/GIS and FM objectives. The requirements of this specification with regard to hardware, software, and system performance have been developed using standards of general industry availability.

C2.2 EQUIPMENT CONDITION

All equipment delivered under this contract shall be new and unused or warranted as new, and delivered with the latest OEM engineering changes.

C3.0 SCOPE

Products and Services to be procured under this contract will be used by the Information Technology Laboratory (ITL), CADD/GIS Technology Center and its partnering agencies (other federal DOD or civilian agency) to increase productivity and reduce costs in the areas of IT for facilities/installation management, GIS, network IT infrastructure, force protection and homeland security, and the environment. The contract provides products and services to include categories described in Section 4.0 Technical Support Services, Sections 5.0 Software and Section 6.0 Hardware as well as any products or services that have been provided under the IM/FCAD2 contract.

The primary focus of the contract is delivering solutions to users, with an emphasis on products, services and support.

C3.1 REQUIRED CORE CAPABILITIES

Throughout the life of this contract, the contractor will maintain expertise, resources and capabilities to:

- Provide commercial hardware, software, peripherals and accessories as ordered under the contract;

- Perform integration and installation services for the above, as defined in each delivery order;

- Perform a wide range of technical support and engineering services to support the mission of the U.S. Army Corps of Engineers and the objectives of other organizations listed as authorized buyers of this contract;

- Provide maintenance support services;

- Provide ancillary support (logistics support, etc.) relating to provisions of the above-listed products and services;

- Provide project management support for each deliverable under the contract; and

- Provide project-specific and overall contract performance reporting, as required herein.

The Sections below, including their respective subsections, further define the products and services to be provided under this contract.

C3.2 SERVICE CONTRACT ACT

This contract has been determined to be exempt from the requirements of the Service Contract Act.

C4.0 TECHNICAL SUPPORT SERVICES

As ordered and described by individual delivery orders issued under the terms of this contract, the Contractor shall provide CAFM, CADD, GIS, CAD, IT, management consulting, e-business, systems integration/installation, knowledge management, public safety, information assurance, physical security, infrastructure security, emergency management and response applications, IT security, requirements analysis, systems analysis, IT planning, systems design, test and evaluation, application and database design and on site support or any other in-scope services.

C4.1 PERFORMANCE EVALUATION OF TECHNICAL SUPPORT SERVICES

The Contractors performance of Technical Support Services will be evaluated for each Delivery Order for Services in accordance with Section H6.4. The criteria for evaluation will be the following: Cost/Price Control; Schedule Control; Contract Administration; Responsiveness to Government; Contract Compliance with Technical Requirements; and performance of Key Personnel. Each of these categories will be rated as exceptional, satisfactory, unacceptable or not applicable. In addition, an Overall Composite rating will be given that takes into consideration the relative importance of each of the individual ratings considering the specific work performed. Exibit 4, Evaluation of Contractor's Delivery Order Performance, will be used for the evaluation. The ratings will be a significant consideration for contract renewal of any option periods. If the Contractor receives an overall composite rating of Unsatisfactory, then the Contractor shall submit a corrective action plan to the authorized buyer/customer. If the corrective action plan does not cure the Unsatisfactory rating, then the Government may terminate this contract.

C5.0 SOFTWARE

The Contractor shall provide software licenses to authorized buyers that conform with Federal Law. Application or operating software may need to be implemented as part of an organization's project. This contract will provide the ability to purchase application software that relates to the technical support services described in this document or for a related technology. Commercial-off-the shelf software is desired, but software customization may be needed as well, depending on the effort. Products will be specified as Catalog Items, Non-Catalog Items, Unpriced Items (Within Scope Items), or Reimbursable Items (Enterprise Software Agreement (ESA) Software). Commercial terms and conditions for warranty will apply.

C5.1 SPECIALIZED TECHNICAL SOFTWARE

The Contractor shall provide specialized technical applications including Computer Aided Design and Drafting (CADD), Computer Aided Mechanics (CAM), Computer Aided Facilities

Management (CAFM), Computer Aided Engineering (CAE), Geographic Information Systems (GIS), photographic interpretation and manipulation programs and other technical/engineering applications.

C5.2 DATABASE APPLICATIONS SOFTWARE

The Contractor shall provide Database applications software and related development tools that support other applications described herein.

C5.3 SECURITY APPLICATION SOFTWARE

The Contractor shall provide Security application software that supports intrusion detection programs, anti-virus software, and security monitoring and management applications.

C5.4 SYSTEMS SOFTWARE

The Contractor shall provide Microsoft Windows, UNIX, and Linux based operating systems software.

C5.5 INTEGRATED PRODUCTIVITY SOFTWARE

The Contractor shall provide Integrated Productivity Software applications that work seamlessly with the systems and applications software including word processing, spreadsheet, presentation, email, database and calendaring software.

C5.6 MANAGEMENT SOFTWARE APPLICATIONS

The Contractor shall provide Management Software Applications and tools including network monitoring solutions, performance management applications, capacity management tools, compression software, and asset tracking and management programs.

C5.7 OTHER SOFTWARE

Additional application or operating system software relating to the scope of this contract that needs to be implemented as part of an organization's project shall be provided. The operating systems shall comply with current and future Government regulations and policies. Compliance with these specifications shall include updates for future revisions and incorporation of evolving standards.

C5.5 SOFTWARE SUPPORT

The Contractor shall provide annual software support for selected software at commercial terms and conditions. Software support shall include phone support and upgrades where commercially available. The Contractor will propose annual support CLINs as appropriate and as needed for selected CLINs. Third-party resources may provide software support services, but such support activities must be transparent to the Government. Software support will be performed during the Principal Period of Maintenance (PPM). The Principal Period of Maintenance (PPM) for this Contract will be 8:00 A.M. to 5:00 P.M., local time at the Government activity where the maintenance is being performed.

The Contractor will maintain records of all software products sold to each customer. These records will include warranty period and software support coverage dates for selected products. Before the end of each fiscal year, the Contractor will provide to each customer that has products eligible for software support coverage a proposal for the upcoming fiscal year. Prior to ordering software support, the software item must be covered by a warranty plan or be under a current support contract with the Contractor. Otherwise, the customer must back pay for the lapsed software support coverage.

Without incurring any ancillary or administrative expense, and by providing 30 days written notice to the Contractor (or a shorter notice when agreed to by the Contractor), the Government may discontinue, add to or change support service.

C6.0 HARDWARE

Hardware will need to be implemented as part of most organization's project. This contract will provide the ability to purchase hardware that relates to the technical support services described in this document or for a related technology. Products will be specified as either Catalog Items, Non-Catalog Items, Unpriced Items (Within Scope Items), or Reimbursable Items (Enterprise Software Agreement (ESA) Software). Commercial terms and conditions for warranty will apply.

C6.1 GENERAL REQUIREMENTS

This section specifies the general requirements for all hardware devices defined in this document.

   a. The Contractor shall provide available detailed technical specifications for any hardware components (e.g. processors, cache, controllers, disk drives) to the Contracting Officer's Representative (COR) upon request.
   b. All devices shall have, if possible, labeling providing the manufacturer's name, model, part number and serial number.
   c. The Contractor shall provide installation information for devices that require special installation procedures related to the following:
        1. Connecting power requirements
        2. Environmental conditions
        3. Mounting
        4. Changes to existing devices

C6.1.1 Generated Noise

Any hardware devices that are not installed in system room conditions shall not generate excessive or irritating noises:

   a. The overall ambient noise level shall not exceed a level of 75dB measured in any direction for server and peripheral equipment in normal operation.
   b. The overall ambient noise level shall not exceed a level of 60dB measured in any direction for all desktop and workstation equipment in one location in normal operation.

C6.1.2 Environmental and Utility Availability

The environmental and utility availability in the indicated areas is as follows, unless otherwise stated. Each site's environmental and utility requirements are unique, and sites will vary. Not all hardware manufacturers have the same environmental and utility criteria. The Contractor will provide hardware with the minimum requirements below:

a. Desktop Computers, Portables, Workstations, and Servers:

1. Voltage: 115 VAC +/- 10%, 60Hz, single phase, up to 15 amps per workstation or server

2. Temperature: 75 degree F +/- 15 degree F

3. Humidity: 30% to 80% noncondensing

b. Standalone Peripherals:

1. Voltage: 115 VAC +/- 10%, 60Hz, single phase, up to 15 amps per peripheral

2. Temperature: 75 degree F +/- 15 degree F

3. Humidity: 30% to 80% noncondensing

c. Ruggedized Workstations and Servers:

1. Voltage: 115 VAC +/- 10%, 60Hz, single phase, up to 15 amps per workstation or server

2. Temperature: 75 degree F +/- 35 degree F

3. Humidity: 10% to 90% noncondensing

C6.1.3 Cables

The Contractor will have the ability to provide all cables required for site installations. The cables will meet the following criteria:

a.   Power cable:
1. UL certified
2. Commercial standard length
b.   Interconnecting cable:
1. UL certified
2. 100% shielded if required
3. Commercial standard connectors

C6.1.4 Stabilization

The Contractor will have the ability to provide stabilization for tall hardware equipment, such as racks or bundled devices. The stabilization will meet commercial safety standards for tip over from front to back for drawer configurations and side to side.

C6.2 HARDWARE SOLUTIONS

The Contractor shall provide commercial workstations, servers, portables with support for desktop network presence (e.g. docking station, port replicators, flash drives, memory sticks), storage systems (e.g., Networked Attached Storage, Storage Arrays, Storage Area Networks), networking equipment (including wireless), operating systems, peripherals, communications devices, transit cases, power devices, displays and other accessories (e.g. cables, cabinets, racks), original equipment manufacturer (OEM) and extended equipment warranty, technology insertion which includes but is not limited to biometrics, embedded encryption and equipment upgrades. Hardware solutions will also include video teleconferencing solutions, voice-over-internet protocol (VOIP) solutions, and associated documentation to meet worldwide requirements of the Government. In addition, the Contractor will provide related services including installation, equipment maintenance, site survey, system configuration and integration, image loading, data migration, and asset tracking.

C6.2.1 Workstations

This section defines the minimum requirements for the desktop computers. The system shall execute general office applications. The system shall be a modular system that can be configured to meet individual needs. Each system will have these common characteristics:

a. A commercial keyboard and mouse for each system
b. Operate in an office environment without requiring additional power or thermal devices
c. Operate as a standalone or as a network system
d. The following components will be made available: processors, memory, disk drive, peripherals, graphics card, network card, operating system, and warranty

C6.2.2 Servers

This section defines the minimum requirements for servers. The system shall execute in the following three modes:

a. Providing dedicated database services to other servers and workstations
b. Providing dedicated mass storage services to other servers and workstations
c. Operating in a dual mode, simultaneously providing database and mass storage services to other servers and workstations.

The system shall be a modular system that can be configured to meet individual needs. Each system will have these common characteristics:

a. A commercial keyboard and mouse for each system
b. The system can either be a system designed to operate in an office environment without requiring additional power or thermal devices such as a tower unit, or a system designed to operate in a back-room environment requiring additional power or thermal devices such as a 19-inch rack configuration.
c. The following components will be made available: processors, memory, disk drive, peripherals, network card, and operating system, hot plug redundancy, racks, and warranty.

C6.2.3 Portables

This section defines the minimum requirements for portables. The system shall execute general office applications and design applications. The system shall be a modular system that can be configured to meet individual needs. Each system will have these common characteristics:

a. The system will be designed to operate in an office environment without requiring additional power or thermal devices.
b. The system shall have the capability to operate as a standalone or as a network system.
c. The following components will be made available: processors, memory, disk drive, peripherals, accessories, network card/modem, operating system, and warranty.

C6.2.4 Storage Systems

This section defines the minimum requirements for storage systems. A storage system will include a variation of storage arrays, storage area networks, network attached storage, storage arrays, Just a Bunch Of Disks (JBODs), varying sizes of hard disk drives, storage cables, adapters, storage expansion cabinets, storage network bridge devices, power supplies, storage area networks (SAN) and backup management software, tape and optical backup devices, tape and optical media and warranty.

C6.2.5 Network Equipment

This section defines the minimum requirements for network equipment. Network equipment for a site will include managed switches, routers, cables, adapters, firmware, memory modules and upgrades, interface and port cards, mobile communications devices, wireless devices, power supplies, expansion bays, service packs, security equipment (firewalls, network intrusion detection, cameras, monitoring devices, sensors and biometric systems), software and warranty.

C6.2.6 Communications Equipment

This section defines the minimum requirements for communications equipment. Communications equipment will include communications infrastructure; RF transmitters/receivers; mobile, satellite and radio systems; geospatial systems; voice over internet protocol (VOIP) systems; video teleconferencing systems (VTC); communications infrastructure and related supporting equipment and warranty.

C6.2.7 Peripheral and Accessories

This section defines the minimum requirements for peripheral and accessories. All peripheral and accessories required for the proper operation of any in-scope hardware or software not otherwise defined elsewhere.

C6.3 RESERVED

C6.4 ADDITIONAL HARDWARE SOLUTIONS

The Contractor shall provide additional hardware items as well, including: commercial flat-panel liquid-crystal display (LCD) and cathode ray-tube (CRT) monitors; uninterruptible power

supplies (UPS) that maintain system power during failure of outside utility power; commercial printers, plotters and scanners that recognize industry standards and warranty, including other in scope items as required.

C6.5 RUGGEDIZED PRODUCTS

Ruggedized products will be available for purchase from this contract to satisfy the field needs of an organization. Ruggedized products must endure the extremes of heat and cold, resist dust and moisture, keep out salt water or snow, and remain stable in the midst of explosions or violent jarring. Stainless steel chassis and bodies, reinforced mounts, and polymer shocks absorb the jars, knocks, and rigors of a field environment, while an outer enclosure protects from the elements. Products will meet the applicable National Electrical Manufacturers Association (NEMA) and MILSPEC standards.

C6.5.1 Objective

The Contractor shall provide rugged workstations, servers, displays, expansion boxes, and consoles based on customer's mission requirements and using best commercial practices and ISO 9001:2000 processes.

The Contractor will employ COTS electronic components/ parts that are designed and developed based on recognized industry standards. Typical components include:

- Motherboards
- Memory chips
- Processors
- Hard drives
- DVDs
- CD-RWs
- Network cards
- Graphics cards
- Sound cards
- Media converters
- SCSI controllers
- Other system expansion cards
- Keyboards
- Trackballs
- CRT monitors
- LCD monitors

C6.5.2 Design MIL Standards

The Contractor shall take all reasonable steps to design ruggedized hardware to meet or comply with the following environmental certifications as appropriate:

- MIL-STD-461E- Department of Defense Interface Standard, Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment.

- MIL-S-901D- Military Specification, Shock Tests, H.I. (High Impact) Shipboard Machinery, Equipment, and Systems, Requirements. The ruggedized systems shall meet Grade A standards with applicable isolation applied.

- MIL-STD-167-1- Department of Defense Test Method, Mechanical Vibrations of Shipboard Equipment (Type I- Environmental and Type II- Internally Excited). The Contractor shall design to meet Type I and Type II vibrations.

- MIL-STD-889B- Military Standard, Dissimilar Metals

C6.6 CUSTOM CONFIGURED SYSTEMS

Custom configured systems must be available for purchase from this contract, particularly in the area of force protection; organizations need unique and mobile custom configured solutions. These solution sets comprise products, services to configure them, and often a vehicle base -- for example, a trailer with a weather station and GPS mounted on the top or satellite equipment. Custom configured systems will be ordered using other contract CLINs (HW/SW, In Scope, Non-Catalog, Services, etc.).

C6.7 OTHER HARDWARE

The Contractor will provide additional hardware relating to the scope of this contract that needs to be implemented as part of an organization's project.

C6.8 HARDWARE WARRANTY

The Contractor shall provide warranty for hardware at commercial terms and conditions. Warranty will include phone support and/or on-call support. The Contractor will also propose specialized warranty as appropriate including, but not limited to, the following: extended warranty duration, 24 x 7 warranty, on-site support, mission-critical warranty, and OCONUS warranty. Third-party resources may provide warranty services, but such support activities must be transparent to the Government. Warranty will be performed during the Principal Period of Maintenance (PPM). The Principal Period of Maintenance (PPM) for this Contract will be 8:00 A.M. to 5:00 P.M., local time at the Government activity where the maintenance is being performed.

The Contractor shall maintain records of all hardware products sold to each customer. These records will include warranty period and maintenance coverage dates for selected products. Before the end of the warranty period, the Contractor will provide to each customer that has products eligible for hardware maintenance coverage a proposal for the upcoming fiscal year or balance of the fiscal year. Prior to ordering maintenance, the hardware item must be covered by a warranty plan.

C6.9 HARDWARE MAINTENANCE

The Contractor shall provide annual maintenance for selected hardware at commercial terms and conditions. Maintenance will include phone support and/or on-call support. The Contractor will propose annual maintenance CLINs as appropriate and as needed. Specialized

maintenance such as 24 x 7, resident onsite and time and material maintenance also may be proposed under this support CLIN. Third-party resources may provide maintenance services, but such support activities must be transparent to the Government. Maintenance will be performed during the Principal Period of Maintenance (PPM). The Principal Period of Maintenance (PPM) for this Contract will be 8:00 A.M. to 5:00 P.M., local time at the Government activity where the maintenance is being performed.

The Contractor shall provide services related to equipment acquired under this contract on a firm fixed-price basis under the equipment maintenance CLINS. Price is TBD. Related services includes installation, equipment maintenance, site survey, system configuration and integration, image loading, data migration, asset tracking, and, potentially, legacy equipment maintenance. Other direct costs for items used in providing the services, including travel, shall be priced on a firm fixed price basis under the CLINS.

The Contractor shall maintain records of all hardware products sold to each customer. These records will include warranty period and maintenance coverage dates for selected products. Before the end of each fiscal year, the Contractor will provide to each customer that has products eligible for hardware maintenance coverage a proposal for the upcoming fiscal year. Prior to ordering maintenance, the hardware item must be covered by a warranty plan or be under a current maintenance contract. Otherwise, the maintenance must be brought to a current status.

Without incurring any ancillary or administrative expense, and by providing 30 days written notice to the Contractor (or a shorter notice when agreed to by the Contractor), the Government may discontinue, add to or change maintenance.

C7.0 DOCUMENTATION

Documentation is defined as all written reference materials (exclusive of instruction materials) applicable to the use of hardware and software delivered through this contract. This includes, but is not limited to, CD, hardcopy and electronic online documentation.

   a. Documentation costs for each individual CLIN shall be included in the unit cost for the CLIN (i.e., it shall not be separately priced).
   b. Compact disk and electronic documentation shall be accessible at input prompts in the graphics environment and in all application programs.
   c. When available, one copy of documentation, corresponding to the hardware or software ordered, shall be delivered to each shipping address identified on the individual delivery order.
   d. The Government shall have unlimited duplication rights, as required to prudently conduct business.

C8.0 RESERVED

C9.0 STANDARDS
The scope provides Contractors with maximum flexibility to conceive and propose innovative approaches and solutions. However, in some cases, there may be constraints that the

Government must place on those solutions. The following specifications, standards, policies and procedures represent the constraints placed on this acquisition. All documents listed are mandatory, as applicable. Applicability is as defined in the document. The list is not all-inclusive. Other documents required for execution of tasks issued under this contract will be cited in the relevant delivery order. As indicated, a number of documents are still TBD or in draft. Web links are provided wherever possible.

C9.1 NETCOM NETWORTHINESS PROGRAM (TBD)

The following is a list of known and envisioned documents that will bind service and product implementation efforts when specifically connected to or concerned with the Army Enterprise Infrastructure under this contract. The program is being phased and these documents will be evolving.

- SAIS-IOE-S, Memorandum, Subject: Networthiness Program 02 Apr 2003

- SAIS, Networthiness Certification Guidance Document (Draft)

- NETCOM, Networthiness Implementation Document (TBD)

- Directory Services, Army Enterprise Infrastructure Directory Services Naming Conventions and Standards, Vers. 2.2, 9 Sep 2002.

  o   VPN-NETCOM, Virtual Private Network Implementation Document (Draft)

  o   Standardization-NETCOM for Army level-Computer Desktop Configuration (NETCOM), 28 Mar 2003.

  o   Information Assurance, NETCOM/ESTA, Discussion Paper, Army Protected Networks, 13 Nov 2002

C9.2 DoD AND ARMY DOCUMENTS

- Army Knowledge Management, HQDA, The Army Knowledge Management Implementation Plan, 31 Oct 2002 (final draft)

- CONOPS – Army, NETOPS CONOPS, Vers. 1, 29 Oct 2002.

- U.S. Army Local Area Network (LAN) and Wireless Portable Electronic Devices (PED) Policy http://www/usapa.army.mil/pdffiles/125_02_1.pdf

- DoD Information Technology Security Certification and Accreditation Process (DITSCAP) http://iase.disa.mil/ditscap/

- Defense Information Infrastructure Master Plan, Version 7.0 http://www.disa.mil/diimp/diimp-t.html

- DoD Joint Technical Architecture (version 4.0) http://www-jta.itsi.disa.mil/

- DoD Joint Technical Architecture (version 4.0) <u>List of Mandated & Emerging Standards (LMES).</u>

- Joint Technical Architecture – Army (version 6.5) https://akea-cio.army.mil/jtaa/jtaa.asp

- Joint Technical Architecture – Army (version 6.5) https://akea-cio.army.mil/jtaa/docs/JTA-Army_6.5_Profile_Final.xls

- Common Operating Environment http://diicoe.disa.mil/coe/index.html

- Common Criteria http://www.commoncriteria.org/cc/cc.html

- DoD 4140.1-R DoD Supply Chain Materiel Management Regulation Draft, September 2002 http:www.acq/osd.mil/log/logistics_materiel_readiness/organizations/sci/html/2002_reg.htm

- Deputy Under Secretary of Defense (Logistics and Materiel Readiness) Logistics Enterprise Integration and Transformation http://www/acq/osd.mil/log/logistics_materiel_readiness/organizations/lsm/assets/articles/Ent%20Integ%20and%20Transformation%20Dec%2001%20FINAL.pdf

C9.3 OTHER REGULATORY AND COMMERCIAL REQUIREMENTS

- National Policy Governing the Acquisition of Information Assurance (1A) and IA-Enabled Information Technology Products http://www.nstissc.gov/Assets/pdf/nstissp_11.pdf

- Distributed Management Task Force Desktop Management Interface (DMI Version 2.0) http://www.dmtf.org/standards/spec.php

- EPA Energy Star Program

    o PC and Monitor Memorandum of Understanding http://estar4.energystar.gov/estar/ESPartnerLogos.nsf/PDF/files/$File/Computer.MOU.V3.pdf http://estar4.energystar.gov/estar/ESPartnerLogos.nsf/PDF/files/$File/Monitor.MOU.V3.pdf

    o Printer and FAX Memorandum of Understanding http://estar4.energystar.gov/estar/ESPartnerLogos.nsf/PDF/files/$File/PF.MOU.V3.0.pdf

- Certified Smart Card Readers https://setdweb.belvoir.army.mil/training/cardreader.html

- Section 508 of the Rehabilitation Act of 1973

http://www.section508.gov http://www.access-board.gov/sec508/guide/1194.26.htm
http://www.access-board.gov/sec508/guide/1194.21.htm

-                    Security Requirements for Cryptographic Modules
  http://csrc.nist.gov/publications/fips/fips140-2/fips1402.pdf

-                    Latest Windows 2000 and Windows NT Hardware Compatibility
  List http://support.microsfot.com/default/aspx?scid=kb;EN-US;q131303

C9.4 AREAS FOR FORTHCOMING OR ENVISIONED POLICIES AND GUIDANCE

- Army Level
  - o Enterprise Directory Service
  - o Enterprise System Management
  - o Information Assurance
  - o Army Enterprise Infrastructure-Repository—Army level, CONOPS (envisioned)
  - o Configuration Management
  - o Server Consolidation
  - o Standard Desktop Software Configuration